

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 4     | (soon-jong near jung).in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/05/31 12:58 |
| S96   | 14346 | (h01i021/\$.ipc. or c23c016/\$.ipc.) and (coat\$4 or film or layer or deposit\$4) near7 (aln or (aluminum adj nitride) or tin or diamond or dlc or alumina or (aluminum adj oxide) or "al2o3" or "al.sub.2 o.sub.3") | JPO;<br>DERWENT                             | OR               | ON      | 2005/05/31 12:57 |
| S97   | 8536  | (h01i021/\$.ipc. or c23c016/\$.ipc.) and (coat\$4 or film or layer or deposit\$4) near (aln or (aluminum adj nitride) or tin or diamond or dlc or alumina or (aluminum adj oxide) or "al2o3" or "al.sub.2 o.sub.3")  | JPO;<br>DERWENT                             | OR               | ON      | 2005/05/26 18:36 |
| S98   | 161   | S97 and plasma and protect\$4  | JPO;<br>DERWENT                             | OR               | ON      | 2005/05/26 18:30 |
| S99   | 2     | "62103379"   | JPO;<br>DERWENT                             | OR               | ON      | 2005/05/26 18:33 |
| S100  | 11063 | (118/715-733).ccls.  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/05/26 18:35 |
| S101  | 5116  | 156/345.\$2.ccls.  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/05/26 18:35 |
| S102  | 13737 | S100 or S101   | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/05/26 18:35 |
| S103  | 147   | S102 and ring near (coat\$4 or film or layer or deposit\$4)  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/05/26 18:47 |
| S104  | 101   | S103 and (aln or (aluminum adj nitride) or tin or diamond or dlc or alumina or (aluminum adj oxide) or "al2o3" or "al.sub.2 o.sub.3")  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/05/27 15:24 |
| S105  | 85    | S104 and @ad<"20020802"  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/05/26 18:42 |
| S106  | 103   | S103 and (aln or (aluminum adj nitride) or tin or diamond or dlc or alumina or (aluminum adj oxide) or "al2o3" or "al.sub.2 o.sub.3" or "al.sub.2o.sub.3")   | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/05/26 18:47 |
| S107  | 86    | S106 and @ad<"20020802"  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/05/26 18:48 |
| S108  | 85    | S102 and ring near (coat\$4 or film or layer )   | US-PGPUB;<br>USPAT                          | OR               | ON      | 2005/05/26 18:47 |

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| S109 | 63   | S108 and (aln or (aluminum adj nitride) or tin or diamond or dlc or alumina or (aluminum adj oxide) or "al2o3" or "al.sub.2 o.sub.3" or "al.sub.2o.sub.3") | US-PGPUB; USPAT                    | OR | ON | 2005/05/26 18:47 |
| S110 | 52   | S109 and @ad<"20020802"  | US-PGPUB; USPAT                    | OR | ON | 2005/05/26 18:56 |
| S120 | 97   | (Robert and ?donnell).in.  | US-PGPUB; USPAT                    | OR | ON | 2005/05/26 19:21 |
| S121 | 45   | (Robert and J and ?donnell).in.  | US-PGPUB; USPAT                    | OR | ON | 2005/05/27 15:50 |
| S122 | 0    | "2000340548"   | US-PGPUB; USPAT                    | OR | ON | 2005/05/26 19:31 |
| S123 | 2    | "2000340548"   | EPO; JPO; DERWENT                  | OR | ON | 2005/05/26 19:34 |
| S124 | 23   | ring near coat\$4 near (polymer or fluorocarbon or Polytetrafluoroethylene)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/27 10:25 |
| S125 | 32   | ring near coat\$4 near (polymer or fluorocarbon or Polytetrafluoroethylene or polyimide)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/26 19:40 |
| S126 | 9    | S125 not S124  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/26 19:40 |
| S127 | 135  | ring near (coat\$4 or film or layer) near7 (poly\$4 or fluorocarbon or Polytetrafluoroethylene)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/27 10:39 |
| S128 | 21   | S127 and plasma  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/27 10:32 |
| S129 | 8    | S127 and quartz  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/27 10:33 |
| S130 | 2058 | (ring near7 (coat\$4 or film or layer) near7 (poly\$4 or fluorocarbon or Polytetrafluoroethylene or xylene))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/27 10:40 |
| S131 | 64   | (ring near7 (coat\$4 or film or layer) near7 (poly\$4 or fluorocarbon or Polytetrafluoroethylene or xylene)) and quartz and plasma                         | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/27 11:23 |

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| S13<br>2 | 0 | "200500166684" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/27 11:28 |
| S13<br>3 | 0 | "200500166684" | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/27 11:28 |
| S13<br>4 | 1 | "200500166684" | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/27 12:03 |
| S13<br>5 | 1 | "20020086545"  | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/27 12:03 |

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| S13<br>6 | 66 | (US-20010006731-\$ or<br>US-20010009247-\$ or<br>US-20010019781-\$ or<br>US-20020073918-\$ or<br>US-20020100554-\$ or<br>US-20020110698-\$ or<br>US-20050005416-\$ or<br>US-20040131496-\$ or<br>US-20020086545-\$).did. or<br>(US-4599270-\$ or US-5362335-\$<br>or US-5368897-\$ or US-5403399-\$<br>or US-5601652-\$ or US-5668072-\$<br>or US-5721057-\$ or US-5810936-\$<br>or US-6123791-\$ or US-6264859-\$<br>or US-6352611-\$ or US-6355189-\$<br>or US-6391146-\$ or US-6420036-\$<br>or US-6432256-\$ or US-6447636-\$<br>or US-6469119-\$ or US-6830622-\$<br>or US-6620520-\$ or US-3753773-\$<br>or US-5730922-\$ or US-6423175-\$<br>or US-6096161-\$).did. or<br>(JP-11100271-\$ or<br>JP-2000068208-\$ or<br>JP-2000223432-\$ or<br>JP-2000332003-\$ or<br>JP-57074366-\$ or<br>JP-2002117973-\$ or<br>JP-2000340548-\$ or<br>JP-2000306986-\$ or<br>JP-2002317267-\$ or<br>JP-10070181-\$ or JP-09069555-\$<br>or JP-04316325-\$ or<br>JP-04263093-\$ or<br>JP-01064324-\$).did. or<br>(JP-04144962-\$ or JP-08068918-\$<br>or JP-10270653-\$ or<br>JP-11100271-\$ or<br>JP-2000143349-\$ or<br>JP-2000281494-\$ or<br>JP-2000355761-\$ or<br>JP-2001077102-\$ or<br>EP-1088801-\$ or<br>JP-2001148370-\$ or<br>US-20050019492-\$ or<br>KR-2003094486-\$ or<br>US-20030205479-\$ or<br>JP-2003109753-\$ or<br>US-20020150695-\$ or<br>US-20020086501-\$ or<br>JP-2002030446-\$ or<br>US-6410172-\$ or EP-460700-\$ or<br>JP-10116816-\$).did. | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2005/05/27 12:51 |
| S13<br>7 | 16 | S136 and (mm or mil)  | US-PGPUB;<br>USPAT                     | OR | ON | 2005/05/27 12:54 |

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|----------|--------|---|---|----|-----|------------------|
| S13<br>8 | 21     | S136 and (mm or mil or inch)  | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 14:10 |
| S13<br>9 | 1      | "4163828".pn.   | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 12:58 |
| S14<br>0 | 23     | S136 and (mm or mil or inch)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/05/27 14:40 |
| S14<br>1 | 4      | ((("6074488") or ("6284093") or<br>("6352611") or ("6364957"))).PN.   | US-PGPUB;<br>USPAT                          | OR | OFF | 2005/05/27 14:40 |
| S14<br>2 | 243    | plasma and (shield adj ring)  | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:23 |
| S14<br>3 | 11063  | (118/715-733).cccls.  | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:24 |
| S14<br>4 | 5116   | 156/345.\$2.cccls.  | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:24 |
| S14<br>5 | 13737  | S143 or S144  | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:24 |
| S14<br>6 | 99     | S142 and S145   | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:24 |
| S14<br>7 | 483411 | (aln or (aluminum adj nitride) or<br>tin or diamond or dlc or alumina or<br>(aluminum adj oxide) or "al2o3" or<br>"al.sub.2 o.sub.3" or "al.sub.2o.<br>sub.3")                | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:50 |
| S14<br>8 | 62     | S146 and S147   | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:28 |
| S14<br>9 | 4245   | S145 and S147   | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:29 |
| S15<br>0 | 45     | (Robert and J and ?donnell).in.   | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:50 |
| S15<br>1 | 28     | S150 and (aln or (aluminum adj<br>nitride) or tin or diamond or dlc or<br>alumina or (aluminum adj oxide)<br>or "al2o3" or "al.sub.2 o.sub.3" or<br>"al.sub.2o.sub.3")        | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:55 |
| S15<br>2 | 10     | S150 and (aln or (aluminum adj<br>nitride)) and tin and (diamond or<br>dlc) and (alumina or (aluminum<br>adj oxide) or "al2o3" or "al.sub.2<br>o.sub.3" or "al.sub.2o.sub.3") | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/27 15:56 |
| S15<br>3 | 333    | 156/345.\$2.cccls. and gas and<br>electrode and (electrostatic adj<br>chuck) and ring and<br>@ad<"20020802"   | US-PGPUB;<br>USPAT                          | OR | ON  | 2005/05/28 11:33 |

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| S15<br>4 | 1153 | gas and electrode and (electrostatic adj chuck) and ring and @ad<"20020802"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/27 18:01 |
| S15<br>5 | 307  | gas and electrode and (electrostatic adj chuck) and ring and @ad<"20020802" and (corrosion or erosion)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/27 18:04 |
| S15<br>6 | 201  | 156/345.\$2.ccls. and gas and electrode and (electrostatic adj chuck) and ring and @ad<"20020802" and (corrosion or erosion or protect\$4)   | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/28 12:10 |
| S15<br>7 | 1    | "20020086501"  | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/28 12:08 |
| S15<br>8 | 101  | 156/345.\$2.ccls. and gas and electrode and (electrostatic adj chuck) and ring and @ad<"20020802" and (corrosion or erosion )                | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/28 12:11 |
| S15<br>9 | 48   | 156/345.\$2.ccls. and gas and electrode and (electrostatic adj chuck) and ring and @ad<"20020802" and (corrosion or erosion ) and insulat\$2 | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/28 13:06 |
| S16<br>0 | 24   | 156/345.\$2.ccls. and gas and electrode and (electrostatic adj chuck) and ring and @ad<"20020802" and (corrosion ) and insulat\$2            | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/28 12:56 |
| S16<br>1 | 27   | 156/345.\$2.ccls. and gas and electrode and (electrostatic adj chuck) and ring and @ad<"20020802" and ( erosion ) and insulat\$2             | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/28 13:06 |
| S16<br>2 | 832  | polyimide near fluoro\$8   | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/29 11:33 |
| S16<br>3 | 49   | S162 and permittivity  | US-PGPUB;<br>USPAT                          | OR | ON | 2005/05/29 11:23 |
| S16<br>4 | 0    | polyimide near fluoro\$8 near permittivity   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/29 11:33 |
| S16<br>5 | 76   | (polymer or fluoro\$8) near permittivity   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/29 11:35 |

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| S16<br>6 | 71  | polymer near permittivity                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/29 11:51 |
| S16<br>7 | 8   | quartz near permittivity                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/29 11:35 |
| S16<br>8 | 0   | S166 and S167  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/29 11:35 |
| S16<br>9 | 690 | polymer near coat\$4 near<br>thickness                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/29 11:52 |
| S17<br>0 | 621 | S169 and @ad<"20030725"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/29 11:53 |
| S17<br>1 | 556 | S169 and @ad<"20030725" S170<br>and (mm or micron or inch) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/29 11:54 |
| S17<br>2 | 519 | S170 and (mm or micron or inch)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/05/29 11:54 |